



EMMA MIX

COMPOUND SOLID INORGANIC MACRONUTRIENT FERTILISER *NPK (Mg, S) fertiliser with micro-nutrients, 4,4-19-27 (+4,4 + 8,8)*

4,4 % **TOTAL NITROGEN (N)**

4,4 % nitric nitrogen

19,0 % **TOTAL PHOSPHORUS PENTOXIDE (P₂O₅) (= 8,3 % P)**

19,0 % phosphorus pentoxide (P₂O₅) soluble in water and in neutral ammonium citrate (= 8,3 % P)

27,0 % **POTASSIUM OXIDE (K₂O) (= 22,4 % K)**, water soluble

4,4 % **MAGNESIUM OXIDE (MgO) (= 2,7 % Mg)**, water soluble

8,8 % **SULPHUR TRIOXIDE (SO₃) (= 3,5 % S)**, water soluble

poor in chloride

0,05 % boron (B), water soluble

0,01 % copper (Cu), chelated by EDTA, water soluble

0,32 % iron (Fe), chelated by DTPA, water soluble

0,18 % manganese (Mn), chelated by EDTA, water soluble

0,01 % molybdenum (Mo), as ammonium salt, water soluble

0,10 % zinc (Zn), chelated by EDTA, water soluble

pH range guaranteeing acceptable stability of the chelate: between pH=4 and pH=10

Granulometry: powder. At least 90 % by mass of the product can pass through a sieve with a mesh of 1 mm.

To be used only where there is a recognized need. Do not exceed the application rate.

Recommendations

EMMA MIX can be used in both nutrient solutions and foliar applications. The EMMA MIX based nutrient solution has to be applied during the whole growth cycle of the crop. Foliar applications: do not exceed the maximum concentration of 0.3 % (= 0.3 kg in 100 L water). Maximum concentration in greenhouse: 0.1 %. For foliar applications avoid high temperatures and bright sunshine. Treat preferably during early morning or late evening. Be sure that the spray solution is evenly distributed over the field.

Applications

Consult our crop-related programs.

Characteristics

EMMA MIX is a fertilizer containing primary (NPK) and secondary nutrients (Mg, S), combined with boron, molybdenum and chelated copper, iron, manganese and zinc.

EMMA MIX enhances plant growth and improves harvest quality and precocity, especially for crops with a high magnesium and boron demand (vegetables, grapevine, ornamental plants, fruit trees).

Magnesium improves the assimilation and the internal transport of phosphorus in all crops and is essential for photosynthesis and chlorophyll building. Thus, magnesium has a direct influence on harvest quality and total yield.

Boron plays an important role in flower building, fertility and fruit building. It is essential for all fruit crops such as grapevines, fruit trees and vegetables (tomato, bell pepper, etc....).

Precautions

- wash hands thoroughly after handling; do not drink, eat or smoke during handling.
- if swallowed, seek medical assistance.
- in case of contact with eyes, rinse with plenty of clean water.
- store in a cool, dry place, out of reach of children and animals. Always keep the product in its original container.
- store the product at a temperature between 40°F and 90°F (= 5°C - 30°C).
- this fertiliser is to be used only on soil which responds to molybdenum. Crops high in molybdenum are toxic to grazing animals (ruminants).
- this product can be used on most crops as long as maximum dose and concentration are respected. Since it contains boron, injudicious use on monocots (e.g. cereals, orchids, lilies,...) and greenhouse ornamentals may result in serious injury to the crops.

Miscibility

EMMA MIX is miscible with most pesticides and herbicides. Avoid mixing with oil based products and phenoxyacetates. It is advisable to conduct a miscibility test before application. Consult your extension agent or crop consultant.

Preparation of the mother solution

Pour EMMA MIX into the appropriate tank, then dilute adequately. Be sure that the nutrient solution is evenly distributed over the crop.

Warranty

The liability of the manufacturer is limited to delivery of the product in its original container in conformity with the guaranteed analysis, as indicated on this label. The manufacturer is not responsible for inappropriate or inaccurate use of the product nor for damage caused by weather conditions, soil characteristics, the quality of the water used, growing methods or special sensitivity of crops and varieties. In no case shall BMS Micro-Nutrients be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer and/or user of the product. BMS Micro-Nutrients makes no warranties of merchantability of fitness for a particular purpose nor any other express or implied warranty except as stated above.

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